

IN THE SPECIFICATION:

Please replace paragraph [0031] with the following amended paragraph:

[0031] For example, many portable devices utilize a temperature sensor 303 coupled with a processor or chip set. Temperature measured by this sensor 303 may be utilized in a number of different ways. For example, some low power memory devices, such as Infineon's Mobile RAM memory devices, incorporate a temperature compensated self-refresh (TCSR) 305 based on device temperature, as indicated by a mode register 320 written to by a memory controller 301 or processor. TCSR 305 adjusts the refresh rate of the memory device to the temperature of the device. In general, the lower the temperature of the device, the higher the cell threshold voltage, thus allowing lower refresh rates and corresponding power savings. For some embodiments of the present invention, the temperature information used to vary generated voltages may also be obtained from these mode registers. As will be described below, with reference to FIGs. 5 and 6, for other embodiments, temperature information may be provided by an internal temperature sensor 303 (i.e., located on-chip).